

# METHOD AND APPARATUS FOR AUTOMATED MANUFACTURE OF A PROBE TIP

## Abstract

A method and apparatus for attaching a proximity probe offset to an axis defining an extension cable. The method and apparatus include a sensing element; a cylindrical part molded with a moldable material; a recess configured in one of two opposing ends defining the cylindrical part to receive the sensing element; a first and a second ferrule each extending from opposing surfaces defining an exterior of the cylindrical part, a first axis defining the first and second ferrules being offset from a second axis defining the cylindrical part; and an extension cable operably attached to the sensing element via the first and second ferrules, the sensing element being disposed offset relative to the extension cable.